Assignment Day 3 | 2nd December 2020

For any doubts regarding the assignment, ask questions in the Linux Administration 101 B1 Group in the Community.
Submit Assignments by 12th December 2020 11:59 PM.

Assignment Submit Form : https://forms.gle/9MNzWbdDXhhdstWEA

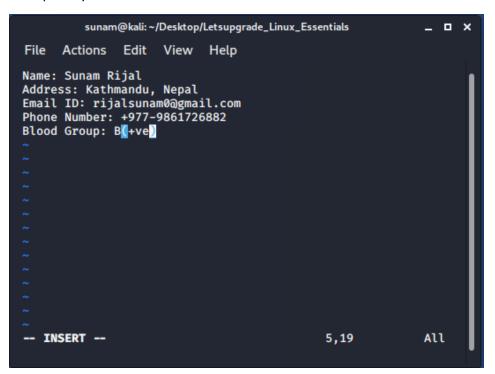Submit assignments in Appropriate Dropdowns.

Question 1

1. Create a blank file named "myfile"
2. Open "myfile" in vi editor
3. Write your name, address, email id, phone number and blood group in 5 different lines
4. Build one single expression to see the line with your name and blood group in myfile

1. Creating blank file (named myfile) using touch command

    i.   Used ls command to check whether file with myfile name has been already exist or not.
    ii.   Create a blank file named myfile using touch command.
    iii.   Again list the working directory to check whether the file is created or not.

2. Open myfile in vi editor and insert some content

    i.   Open myfile on vi editor
    ii.   Go to insert mode by pressing i.
    iii.   Write the content for the file

3. Save the file and exit

    i.   After writing the content for the file, we need to save the file

    ii.   Go to command mode and enter wq which means write and quit

4. Set the line number on each line with the content

    i.   Open the myfile again in vi editor, go to command mode.

    ii.   In command mode, enter set nu command to see the line number

5. Check the file type and read the file i.e. myfile

```
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$ vim myfile
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$ ls
myfile
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$ file myfile
myfile: ASCII text
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$ cat myfile
Name: Sunam Rijal
Address: Kathmandu, Nepal
Email ID: rijalsunam0@gmail.com
Phone Number: +977-9861726882
Blood Group: B(+ve)
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$
```

    i.   Here, we checked the file type using file command and it shows that the file contains ASCII text.

    ii.   Now, read the file using cat command

6. Expression to display lines which contains Name and Blood Group inside the content of myfile

```
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$ grep -i -n 'Name\|Blood' myfile
1:Name: Sunam Rijal
5:Blood Group: B(+ve)
sunam@kali:~/Desktop/Letsupgrade_Linux_Essentials$
```

    i.   Here, we are asking to display the line which contains Name and Blood group details written in the file i.e. myfile

    ii.   Execute (grep -i -n 'Name\|Blood' myfile) command for the result in which
-i : ignore case
-n : line numbers
\| : used for separate the words

    iii.   Finally, we got the expected output.

Thank You!